

ABSTRACT OF THE DISCLOSURE

Amethodofregisteringtwoimagesisdisclosed. Toregister
a first image P1 with respect to a second image P2, a number of
small regions (search ROIs) are set in first image P1, and a number
of small regions (template ROIs) are also set in second image P2.
A template matching is performed between those corresponding small
regions, and a shift amount for (the central pixel of) each search
ROI is determined. By taking each search ROI as a central search
ROI, the shift amount for the central search ROI is bound with
the respective shift amounts for the neighboring search ROIs by
spring binding forces. The shift amount for the central search
ROI is corrected such that the binding forces are balanced.